RAW SEQUENCE LISTING   DATE: 03/21/2002
PATENT APPLICATION: US/09/981,528   TIME: 10:31:45

Input Set : **A:\Sequence Listing.txt**
Output Set: **N:\CRF3\03212002\I981528.raw**

```
64 aag aag cga agg ttg gat gag tgt gaa gaa gcc ttc caa gga acc aag    462
65 Lys Lys Arg Arg Leu Asp Glu Cys Glu Glu Ala Phe Gln Gly Thr Lys
66  85                90                95                100
68 gtg ttt gtg atg ccc aat ggg atg ctg aaa agc aac cag cag ctg gtg    510
69 Val Phe Val Met Pro Asn Gly Met Leu Lys Ser Asn Gln Gln Leu Val
70                105                110                115
72 gac att att gag aaa gtg aaa cct gag atc cgg ctg ttg att gag aaa    558
73 Asp Ile Ile Glu Lys Val Lys Pro Glu Ile Arg Leu Leu Ile Glu Lys
74                120                125                130
76 tgt aac acg cct tca ggc aaa ggt cct cat ata tgt ttt gac ctc cag    606
77 Cys Asn Thr Pro Ser Gly Lys Gly Pro His Ile Cys Phe Asp Leu Gln
78          135                140                145
80 gtc aaa atg tgg gta cag ctc ctg att ccc agg ata gaa gat gga aac    654
81 Val Lys Met Trp Val Gln Leu Leu Ile Pro Arg Ile Glu Asp Gly Asn
82      150                155                160
84 aac ttt ggg gtg tcc att cag gag gaa aca gtt gca gag cta aga act    702
85 Asn Phe Gly Val Ser Ile Gln Glu Glu Thr Val Ala Glu Leu Arg Thr
86 165                170                175                180
88 gtt gag agt gaa gct gca tct tat ctg gac cag att tct aga tat tat    750
89 Val Glu Ser Glu Ala Ala Ser Tyr Leu Asp Gln Ile Ser Arg Tyr Tyr
90                185                190                195
92 att aca aga gcc aaa ttg gtt tct aaa ata gct aaa tat ccc cat gtg    798
93 Ile Thr Arg Ala Lys Leu Val Ser Lys Ile Ala Lys Tyr Pro His Val
94                200                205                210
96 gag gac tat cgc cgc acc gtg aca gag att gat gag aaa gaa tat atc    846
97 Glu Asp Tyr Arg Arg Thr Val Thr Glu Ile Asp Glu Lys Glu Tyr Ile
98          215                220                225
100 agc ctt cgg ctc atc ata tca gag ctg agg aat caa tat gtc act cta    894
101 Ser Leu Arg Leu Ile Ile Ser Glu Leu Arg Asn Gln Tyr Val Thr Leu
102     230                235                240
104 cat gac atg atc ctg aaa aat atc gag aag atc aaa cgg ccc cgg agc    942
105 His Asp Met Ile Leu Lys Asn Ile Glu Lys Ile Lys Arg Pro Arg Ser
106 245                250                255                260
108 agc aat gca gag act ctg tac tga ggccagggcc agggccaggg gactctgtga   996
109 Ser Asn Ala Glu Thr Leu Tyr
110                265
112 gtctggctca agaccgacat tgccttggtt tgttacatga ctatcgtgat ggggaaactg 1056
114 gctggaaata gtaatcacac ctctctgttt ttagttagag tctaatgaaa ctctcatcta 1116
116 gttctgtgat gtgtttacct ctttttttcag gcctcaggaa ctcttctatt tccttcccta 1176
118 ataccccaca cccaacctgt cgtaatttct ggagaactcc aggtttgtgt gtgcaggatg 1236
120 ttggcacaaa aatacctgtg ttttcattct ccccctctct ccctcctgtg tctggcgctt 1296
122 tatgttttct tccgtttgat aattagttgg ttaaaagctg agggaaccgg aaggaaagtg 1356
124 ctaggtgttt tttaggaact agggtggagg gggacgaac ttctcttcct cacatgaggt 1416
126 tactgtttct ttcctctgtg gggcattgga tcctcccaca gttgccctgg tgatgactta 1476
128 ggacttccca tctgtgacat cccactttga atcttgatcg tgacaagaaa taccttaggc 1536
130 cttcagtcaa ttccgaagct ccttcagttg tttttataat gggcgtttca catgcacata 1596
132 tgtgtatgca tgtatacgcc catacagaca tgcacacaca gactcctact ccattagcta 1656
134 acatacccte cctctccaca acccgtgtca cataccttte aggaggtgac agttgtctta 1716
136 gttgtcatct acccagacaa acgtcctggg cccgtcctcc ctcctgatac tgtagcctct 1776
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    138 tggtacccag ggtgagttgg tggagaacag agagatgaga agcagagggc ttggggaaag 1836
    140 cctgttcctc tctgactcag ccctttttgg cattattgca agagcttgac tcctggttgc 1896
    142 cttttcccag ccagttttca gttgqgqtga aggtttctgc aagtgtgagg tccagatgct 1956
    144 gctgctcatg ttgggctttc cttttgggaa ctatttctct ttatttatag tgtcgggctt 2016
    146 ccgqggaaag caatcattgg tgtgtatgtg tatgtgccat gcacacacgt gcatatatac 2076
    148 acatttgtgt atgtggaaat gtgctggqca agtcaaaact atagaagagt tgcctcctgt 2136
    150 ctctcgaatc ttccagagat atcacttaat tgttaacagc ttttgtgtta atccccttca 2196
W--> 152 tcccctagca cttttattct accacggctg gagagttgan anctacagtc agcctgccag 2256
    154 tgactcttag tgtctgtttc tgacttattt ttcctgtctc tgtcttccaa cccccaataa 2316
    156 tatttcccac cggggatgca tcatttttac tcccaatatt ctgtagagag gggagtcagga 2376
    158 tgctgtcttc ccacgaatag tactcagtaa caaaccaatt gcattttagt tgggcagtga 2436
    160 tcccacccac cctgcagatc cctccagcta aaacccttcc cccttccctc catgtgtttc 2496
    162 tcagtttccc gttcgtttgt tggactgttc cactgcccct cctcctcacc ctatcacccca 2556
    164 tggatcgtaa tgtaaaattc ttttaccatg tcaagaaatt attaaaaata caggtacttt 2616
    166 gacctctttc taaagccgca gaccctggtg caatgctctg gtggctaggg atgtactcat 2676
    168 gctcatatgt gtgcacgctt ggacacccac ctccatggac acctagccac cctgttgtgt 2736
W--> 170 gnccttatgc cagttgagct gaatcttttc cccagtatag tggaaagact gaggcttctg 2796
    172 cctactgagc aaggttgggt gcttcatttg tgttcagtct gaattatggg aaagttagct 2856
    174 cttcccagac ctaagctgcc ttctctccct actttcag                          2894
    177 <210> SEQ ID NO: 2
    178 <211> LENGTH: 267
    179 <212> TYPE: PRT
    180 <213> ORGANISM: Homo sapiens
    182 <400> SEQUENCE: 2
    183 Met Ala Ser Leu Leu Lys Val Asp Gln Glu Val Lys Leu Lys Val Asp
    184  1               5                  10                  15
    185 Ser Phe Arg Glu Arg Ile Thr Ser Lys Ala Glu Asp Leu Val Ala Asn
    186             20                  25                  30
    187 Phe Phe Pro Lys Lys Leu Leu Glu Leu Asp Ser Phe Leu Lys Glu Pro
    188         35                  40                  45
    189 Ile Leu Asn Ile His Asp Leu Thr Gln Ile His Ser Asp Met Asn Leu
    190         50                  55                  60
    191 Pro Val Pro Asp Pro Ile Leu Leu Thr Asn Ser His Asp Gly Leu Asp
    192  65                  70                  75                  80
    193 Gly Pro Thr Tyr Lys Lys Arg Arg Leu Asp Glu Cys Glu Glu Ala Phe
    194             85                  90                  95
    195 Gln Gly Thr Lys Val Phe Val Met Pro Asn Gly Met Leu Lys Ser Asn
    196             100                 105                 110
    197 Gln Gln Leu Val Asp Ile Ile Glu Lys Val Lys Pro Glu Ile Arg Leu
    198         115                 120                 125
    199 Leu Ile Glu Lys Cys Asn Thr Pro Ser Gly Lys Gly Pro His Ile Cys
    200         130                 135                 140
    201 Phe Asp Leu Gln Val Lys Met Trp Val Gln Leu Leu Ile Pro Arg Ile
    202 145                 150                 155                 160
    203 Glu Asp Gly Asn Asn Phe Gly Val Ser Ile Gln Glu Glu Thr Val Ala
    204             165                 170                 175
    205 Glu Leu Arg Thr Val Glu Ser Glu Ala Ala Ser Tyr Leu Asp Gln Ile
    206             180                 185                 190
    207 Ser Arg Tyr Tyr Ile Thr Arg Ala Lys Leu Val Ser Lys Ile Ala Lys
```

RAW SEQUENCE LISTING
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Input Set : **A:\Sequence Listing.txt**
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```
208           195                    200                    205
209 Tyr Pro His Val Glu Asp Tyr Arg Arg Thr Val Thr Glu Ile Asp Glu
210     210                    215                    220
211 Lys Glu Tyr Ile Ser Leu Arg Leu Ile Ile Ser Glu Leu Arg Asn Gln
212 225                    230                    235                    240
213 Tyr Val Thr Leu His Asp Met Ile Leu Lys Asn Ile Glu Lys Ile Lys
214                    245                    250                    255
215 Arg Pro Arg Ser Ser Asn Ala Glu Thr Leu Tyr
216                    260                    265
```

VERIFICATION SUMMARY　　　　　　　　　　DATE: 03/21/2002
PATENT APPLICATION:　US/09/981,528　　　　TIME: 10:31:46

Input Set : **A:\Sequence Listing.txt**
Output Set: **N:\CRF3\03212002\I981528.raw**

L:14 M:270 C: Current Application Number differs, Replaced Current Application Number
L:31 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

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No.	Doccode	Number of pages
1	CTRS	5
2	892	1

Total number of pages: 6

Remarks:

Order of re-scan issued on ....